No 3rd RA bill

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

SBR No : 000036/22-23
Date : 19/11/2022

No. 3rd RA bill

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

SBR No : 000036/22-23
Date : 19/11/2022

Division Electrical (Dasarahalli) JOB NO :015-22-000002 Sub-Division Electricals
Head of Account : P0300 M & R to street lights-Replacement of burnt bulbs etc
Bill Received No Dated Book Voucher No Dated
Schedule Docket Name of Work - Annual Maintenance of street lights package D-5 in T Dasarahalli ward no 15
Bill Period:01.09.2022 to 31.10.2022 (2 Months)
Name of Contractor and Full Address - M/s PRASHANTH ELECTRICALS)
Reference to Agreement No - EE/Ele/DZ/TEND/AG/000013/21-22 Date 16 03 2022
Reference to Work order No - EE/Ele/DZ/TEND/WO/000005/22--23 Date 04 04 2022

Certified that the measurements were taken by me on 3/11/22 and recorded of Pages 340186 to 187 of measurement Book No.

And that the work is satisfactorily executed

Contractor

Officer-in-charge of work
JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Certified that the measurement were taken by me on 03/11/2022 and found correct The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon A normal agreement signed and executed by the contractor is recorded in the office

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within ASST. EXECUTIVE ENGINEER (Ele) Bruhath Bangalore Mahanagara Palike Dasarahalli Zone, Bangalore — upto bill 840676-62
2) Deduct amount to be held in reserve being percent Rs — Previous bill 602931-30
3) " Balance — Present bill 237745=00
4) Deduct Payment
   a) Amount of previous payment as in the Office Cash Book Voucher No Dated S D No Amount adjusted towards cash advance recovery of
   b) Payments Now made: cost store or other material supplied; recovery of amount creditable to this/other work; Amount paid on this bill Cheque / Cash

IT(1.1)	2377=00
CESS(1.1)	2377=00
SWSC(1.1)	2377=00
LWC(1.1)	2377=00
CBF(0.11)	238=00
Fine	3000=00
Scrap	4755=00
un deduction	17501=00
Amount	220244=00

5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office cash Book Voucher No dated less adjustments
7) Net amount due to or from Contractor adjustments items
8) Advance to Contractor for materials brought to site (as detailed) within Value of Government materials supplied

Total amount adjusted -

Contractor's Signature

Received Rs (in words)
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness
1.
2.
Dated Signature of Contractor Stamp
Paid by me by Cheque No Dated
Cash Rs
Dated
Initials of Officer making payment

Audited and admitted for Rs. 237745/-
Passed by Cheque for Rs. 220244/-
Two lakh twenty thousand two hundred forty Four only
by adjustment Rs. 17501/-
(For use in the Office)

Accounts Superintendent
Exe. Engineer (Ele)
BBMP Dasarahalli Division

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Sl No	Description of Item	Unit	Previous Measurement		Present Measurement				Total Upto Date		Remarks
			Qty	Cost	Qty		Rate Rs. P	Amount	Qty	Cost	
	Name of work -Annual Maintanance of street lights package D-5 in T Dasarahalli ward no 15						2 Months		Upto Date paid so for X 7months		
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps Tubes Chokes Igniters Capacitors Switches wires Holders Starters and switching ON/OFF of street lights at specified timing and Pole numbering Preparing ward wise street wise data bank furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 36/40 W fluorescent tube light street lighting system	Each	30X5Months	8568.00	0	685.45/12= 57.12	57.12	0.00	30X7Months	8568.00	
2	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps Tubes Chokes Igniters Capacitors Switches wires Holders Starters and switching ON/OFF of street lights at specified timing and Pole numbering Preparing ward wise street wise data bank furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 125W HPMV Park lighting system	Each	12X5Months	3781.20	12	756.29/12= 63.02	63.02	1512.48	12X7Months	5293.68	
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps Tubes Chokes Igniters Capacitors Switches wires Holders Starters and switching ON/OFF of street lights at specified timing and Pole numbering Preparing ward wise street wise data bank furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed belowPoles with 250W HPSV street lighting system	Each	851X5Months	351462.25	851	1019.41/12 =84.95	84.95	144584.90	851X7Months	506047.15	
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps Tubes Chokes Igniters Capacitors Switches wires Holders Starters and switching ON/OFF of street lights at specified timing and Pole numbering Preparing ward wise street wise data bank furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 400 watts HPSV street light /High mast lighting system	Each	36X5Months	16770.60	36	1118.08/12 =93.17	93.17	6708.24	36X7Months	23478.84	
5	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers MCPCB surge protective device Switches wires Holders Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering Preparing ward wise ,street wise street light data bank furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for 24 Watt to 40 Watt LED Park/ street lighting system	Each	473X5Months	173425.45	473	880.01/12= 73.33	73.33	69370.18	473X7Months	242795.63	
6	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers MCPCB surge protective device Switches wires Holders Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering Preparing ward wise street wise street light data bank furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for 40 Watt to 65 W LED street Light lighting system	Each	49X5Months	23424.45	49	1147.43/12 =95.61	95.61	9369.78	49X7Months	32794.23	
7	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers MCPCB surge protective device Switches wires Holders Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering Preparing ward wise street wise street light data bank furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for 90W LED street light lighting system	Each	27X5Months	15499.35	27	1377.66/12 =114.81	114.81	6199.74	27X7Months	21699.09	
8	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers MCPCB surge protective device Switches wires Holders Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering Preparing ward wise street wise street light data bank furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for110/120 watt LED street light lighting system	Each	0	0.00	0	0	0	0.00	0	0.00	
9	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers MCPCB surge protective device Switches wires Holders Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering Preparing ward wise street wise street light data bank furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for 150/180 watt LED street light /High mast lighting system	Each	0	0.00	0	0	0	0.00	0	0.00	

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10	Supply and installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid shock proof IP65 (Weather Proof) rust proof dust proof water proof corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility 300mmx450mmx214mm	Each	0	0	0	0	0.00	0.00	0	0.00	
11	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts nuts washers and wiring etc complete with AC-3 Rating and as per IS-13947 100 to 125Amps	Each	0	0	0	0	0.00	0.00	0	0.00	
12	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve indicator ON/OFF energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 50-63 Amps SP	Each	0	0	0	0	0.00	0.00	0	0.00	
13	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts nuts and washers	Each	0	0	0	0	0.00	0.00	0	0.00	
14	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694 confirming to latest amendments 6 sqmm	Mtr	0	0	0	0	0.00	0.00	0	0.00	
15	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 6 sqmm	Each	0	0	0	0	0.00	0.00	0	0.00	
16	1.1 kV LT Aerial Bunched Cable conforming to IS-14255 1995 XLPE insulation Parameter shall be as below 1 Hot Set Test a Elongation under Load 50% (Max) b) Permanent Elongation After Cooling 3% (Max) 2 Thermal Aging in oven a) Tensile Strength 16 N/mm^2 (Min) b) Elongation 375% (Min) 3 Water Absorption Test a) Water absorbed 0 5 mg/cm^2 (Max) 4 Carbon Black Content shall be ranging from 2% to 3% 3x25 + 1x25 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral)	Km	0	0	0	0	0.00	0.00	0	0.00	
17	Stringing of 1 1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70) (Insulated Messenger Neutral) + (1x25) (Street Light Control)	Km	0	0	0	0	0.00	0.00	0	0.00	
18	Supplying of 1 1 KV LT UG cable XLPE or Heat resistant PVC insulated PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1 Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms Max as per IS-3975 4 core 16 sqmm	Mtrs	0	0	0	0	0.00	0.00	0	0.00	
19	Labour charges for laying of 1 1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required On wall /Structure 6 sqmm to 16 sqmm	Mtrs	0	0	0	0	0.00	0.00	0	0.00	
	Sub Total			602931 30				237745.32		840676 62	
	Add GST 12 % on item no 10 to 19			0 00				0.00		0 00	
	Total			602931 30				237745.32		840676 62	
	Fine imposed for non burning of street lights For the period of 01 09 2022 to 31 10 2022 and GPS time violation Penalty for the previous& Present bill			7300 00				3000.00		10300 00	
	As per street light agreement clause 2 % will be deducted in monthly maintenance bill against the released scrap material			12058 63				4754.91		16813.53	
	GRAND TOTAL			583572 67				229990 41		813563 09	

Certificate

1 The above said monthly maintenance work has been carriedout satisfactorily

JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

ASST. EXECUTIVE ENGINEER (Ele)
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Dasarahalli Zone, Bangalore

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